

THE CLAIMS:

1. to 6. (Canceled)

7. (Previously Presented) A communication apparatus capable of connecting to a network including a plurality of transmission media and capable of controlling a controlled device having a predetermined function, comprising:

a device detecting unit that (a) detects the controlled device among a plurality of devices connected to the network, and (b) obtains an IP address of the controlled device;

a communication unit that transmits a request for inquiring whether the controlled device having the obtained IP address is connected to a predetermined transmission medium, the communication apparatus being directly connected to the predetermined transmission medium, the request being transmitted via the predetermined transmission medium; and

a determining unit that (a) determines that the communication apparatus and the controlled device are connected via the predetermined transmission medium, if a response corresponding to the request is received from the controlled device, and (b) determines that the communication apparatus and the controlled device are connected via a transmission medium different from the predetermined transmission medium, if no response to the request is received from the controlled device,

wherein the communication apparatus displays warning information if the determining unit determines that the communication apparatus and the controlled device are connected via the transmission medium different from the predetermined transmission medium.

8. (Previously Presented) The communication apparatus according to claim 7, wherein the communication apparatus displays the warning information on a display unit of the communication apparatus.

9. (Previously Presented) The communication apparatus according to claim 7, wherein the communication apparatus displays the warning information on a display unit of an external device.

10. (Previously Presented) The communication apparatus according to claim 7, wherein the device detecting unit uses UPnP (Universal Plug and Play) to detect the controlled device and to obtain the IP address of the controlled device.

11. (Previously Presented) A method performed by a communication apparatus that is capable of connecting to a network including a plurality of transmission media and capable of controlling a controlled device having a predetermined function, comprising:

a device detecting step that (a) detects the controlled device among a plurality of devices connected to the network, and (b) obtains an IP address of the controlled device;

a communication step that transmits a request for inquiring whether the controlled device having the obtained IP address is connected to a predetermined transmission medium, the communication apparatus being directly connected to the predetermined transmission medium, the request being transmitted via the predetermined transmission medium;

a determining step that (a) determines that the communication apparatus and the controlled device are connected via the predetermined transmission medium, if a response corresponding to the request is received from the controlled device, and (b) determines that the communication apparatus and the controlled device are connected via a transmission medium different from the predetermined transmission medium, if no response to the request is received from the controlled device; and

a displaying step that displays warning information if the determining step determines that the communication apparatus and the controlled device are connected via the transmission medium different from the predetermined transmission medium.

12. (Previously Presented) The method according to claim 11, wherein the displaying step displays the warning information on a display unit of the communication apparatus.

13. (Previously Presented) The method according to claim 11, wherein the displaying step displays the warning information on a display unit of an external device.

14. (Previously Presented) The method according to claim 11, wherein the device detecting step uses UPnP (Universal Plug and Play) to detect the controlled device and to obtain the IP address of the controlled device.

15. (Previously Presented) A computer readable storage medium on which is stored a computer executable program to execute a method performed by a communication apparatus capable of connecting to a network including a plurality of transmission media and capable of controlling a controlled device having a predetermined function, the program comprising:

a device detecting step that (a) detects the controlled device among a plurality of devices connected to the network, and (b) obtains an IP address of the controlled device;

a communication step that transmits a request for inquiring whether the controlled device having the obtained IP address is connected to a predetermined transmission medium, the communication apparatus being directly connected to the predetermined transmission medium, the request being transmitted via the predetermined transmission medium;

a determining step that (a) determines that the communication apparatus and the controlled device are connected via the predetermined transmission medium, if a

response corresponding to the request is received from the controlled device, and (b) determines that the communication apparatus and the controlled device are connected via a transmission medium different from the predetermined transmission medium, if no response to the request is received from the controlled device; and

a displaying step that displays warning information if the determining step determines that the communication apparatus and the controlled device are connected via the transmission medium different from the predetermined transmission medium.

16. (Previously Presented) The computer readable storage medium according to claim 15, wherein the displaying step displays the warning information on a display unit of the communication apparatus.

17. (Previously Presented) The computer readable storage medium according to claim 15, wherein the displaying step displays the warning information on a display unit of an external device.

18. (Previously Presented) The computer readable storage medium according to claim 15, wherein the device detecting step uses UPnP (Universal Plug and Play) to detect the controlled device and to obtain the IP address of the controlled device.